

FIG. 1A

Ground Squirrel	mylfhlclf acvpcptvqa sk1clgw1wd	
HBC AYW	ndidpykefg atvellsflp sdffpsvrdl ldtassalyre	
HBC ADW	ndidpykefg atvellsflp sdffpsvrdl ldtassalyre	
HBC ADW2	ndidpykefg atvellsflp sdffpsvrdl ldtassalyre	
HBC ADYW	ndidpykefg atvellsflp sdffpsvrdl ldtaaalyrd	
Woodchuck	ndidpykefg ssyqllnflp 1dffpdlnal vdtatallyee	
Ground Squirrel	ndidpykefg ssyqllnflp 1dffpdlnal vdtaaalyee	
		1
HBC AYW	alespehcsp hhtalrqail cwgelmtlat wvgvnledpa	
HBC ADW	alespehcsp hhtalrqail cwgelmtlat wvgnnlqdpd	
HBC ADW2	alespehcsp hhtalrqail cwgelmtlat wvgnnledpa	
HBC ADYW	alespehcsp hhtalrqail cwgdlmtlat wvgtnledpa	
Woodchuck	eltgrehcsp hhtairqalv cweeltrlit wmsnitseq	
Ground Squirrel	eltgrehcsp hhtairqalv cweeltrlit wmsentteev	
		41

FIG. 1B

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HBC AYW	srdlvvssvn	tnmg1kfrq1	lwfhisc1f	gretvleylv
HBC ADW	srdlvvnyvn	tnmg1kirq1	lwfhisc1f	gretvleylv
HBC ADW2	srdlvvnyvn	tnvg1kirq1	lwfhisc1f	gretvleylv
HBC ADYW	srdlvvssvn	tnvg1kfrq1	lwfhisc1f	gretvleylv
Woodchuck	vrtiivnhvn	dtwglkvrgs	lwfhlscltf	gqhtvqeflv
Ground Squirrel	rriividhvnn	twglkvrt1	wfhlscltf9	qhtvqeflv

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HBC AYW	sfgvwirtpp	ayrppnapi1	st1pettvvr	rrgrsprrrt
HBC ADW	sfgvwirtpp	ayrppnapi1	st1pettvvr	rrdrgrsprrr
HBC ADW2	sfgvwirtpp	ayrppnapi1	st1pettvvr	rrdrgrsprrr
HBC ADYW	sfgvwirtpp	ayrppnapi1	st1pettvvr	rrgrsprrrt
Woodchuck	sfgvwirtpa	pyrppnapi1	st1pehtvир	rrggarasrs
Ground Squirrel	fgywirtpap	yrrpnapi1s	t1pehtvир	rggsraarssp

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HBC AYW	psprrrrsqs	prrrsqsre	sqc
HBC ADW	rtpsrrrrs	qsprrrrsqs	resqc
HBC ADW2	rtpsrrrrps	qsprrrrsqs	resqc
HBC ADYW	psprrrrsqs	prrrsqsre	sqc
Woodchuck	prrttsprrr	rrsqsprrr	sqc
Ground Squirrel	rrrttsprrr	rsqsprrrs	qspasnc

FIG. 2

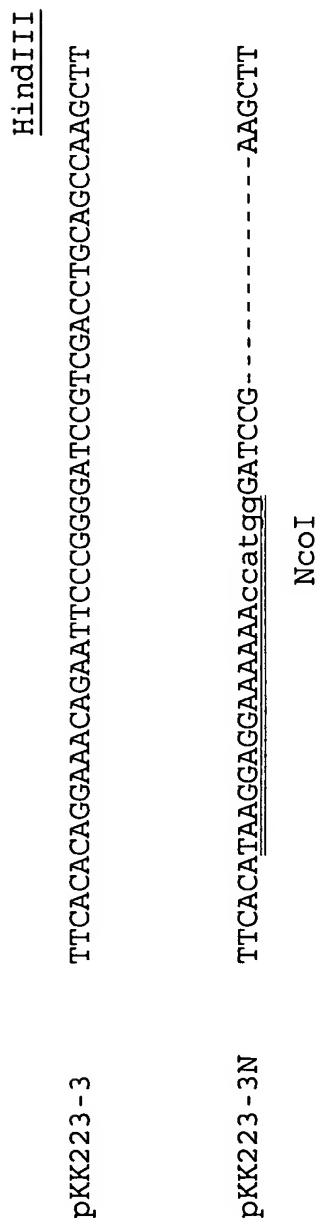


FIG. 3A

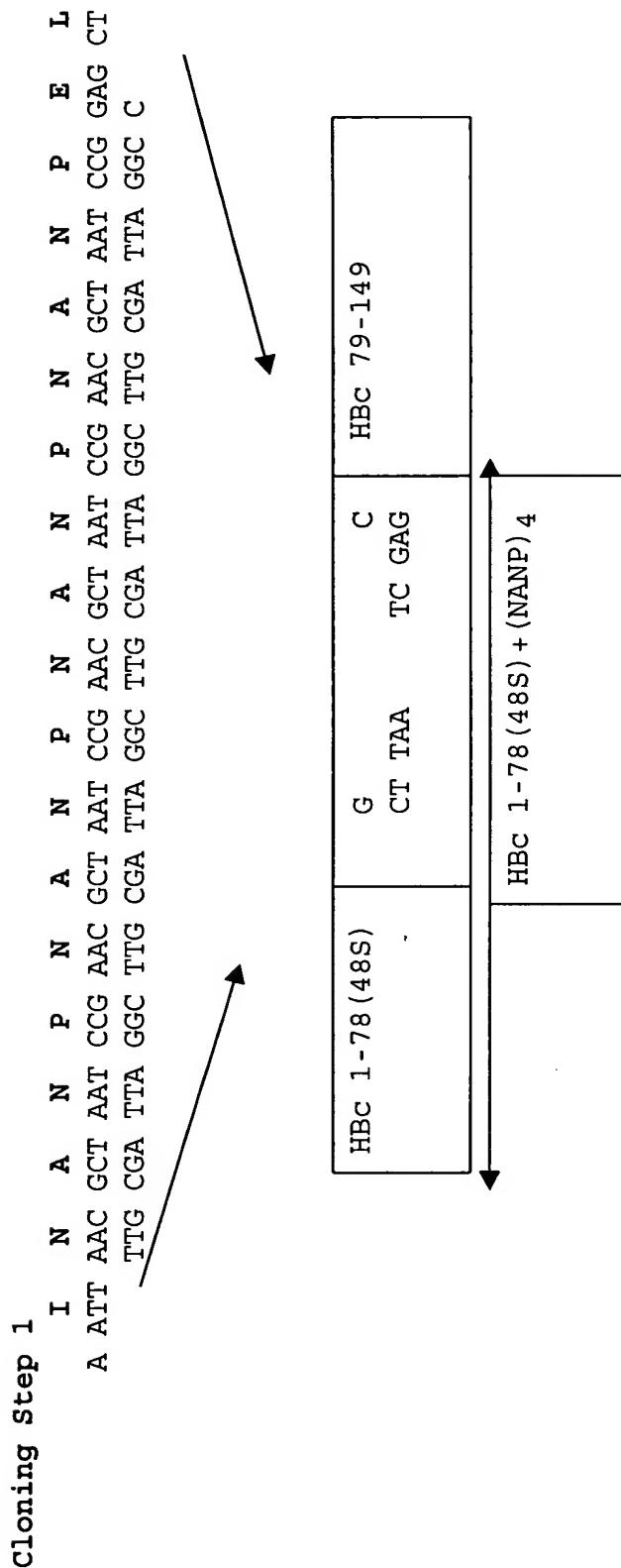
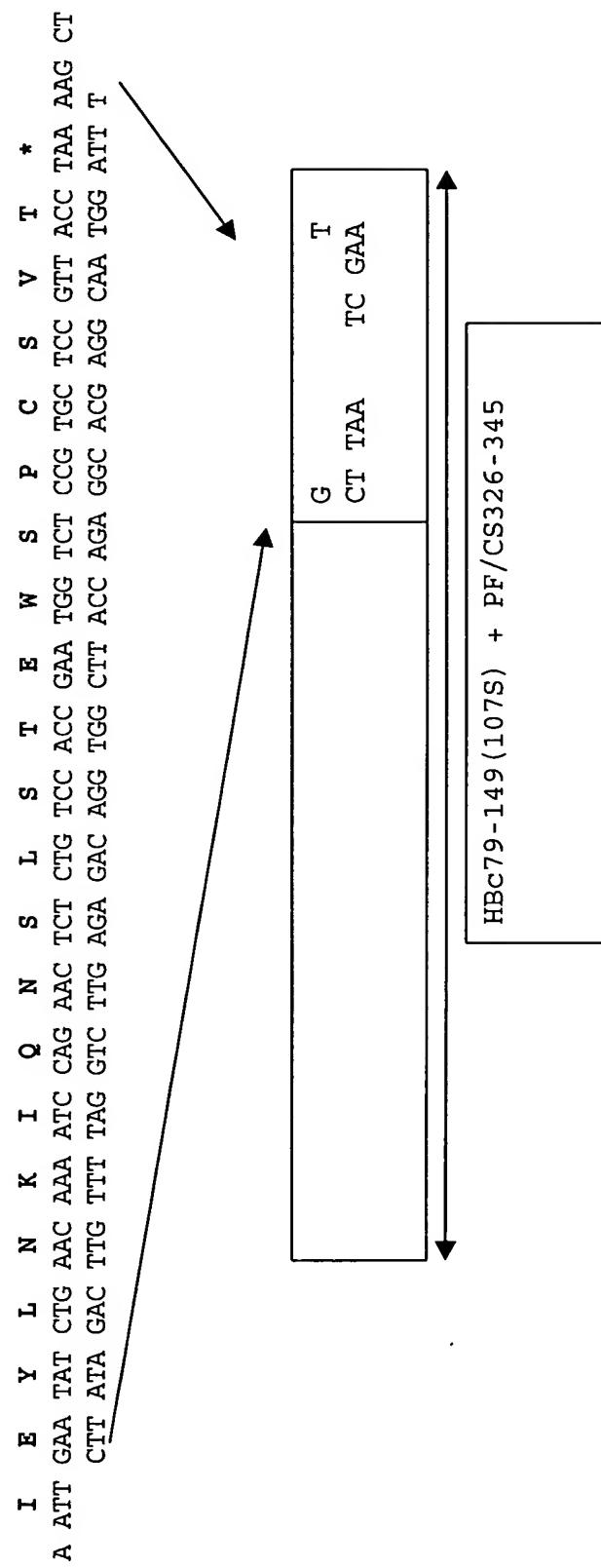


FIG. 3B

Cloning Step 2



Cloning Step 3

FIG. 3C

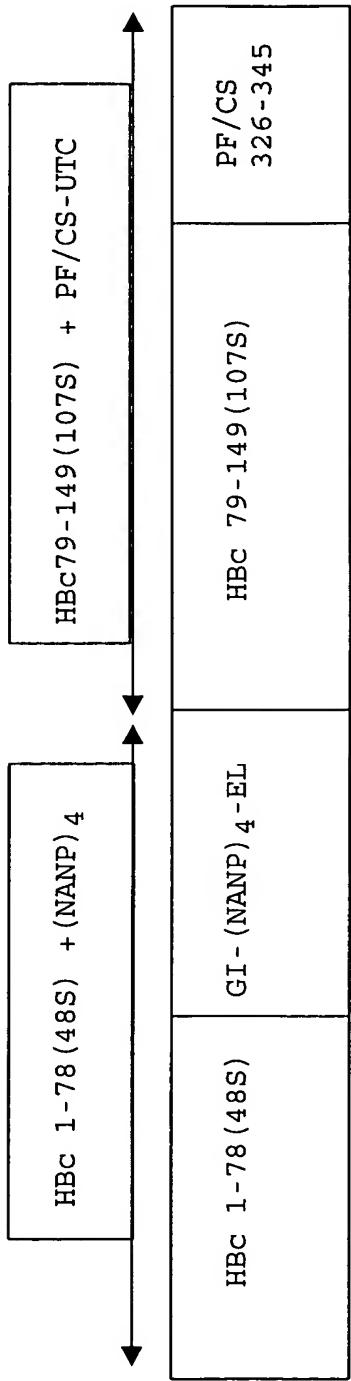


FIG. 4A

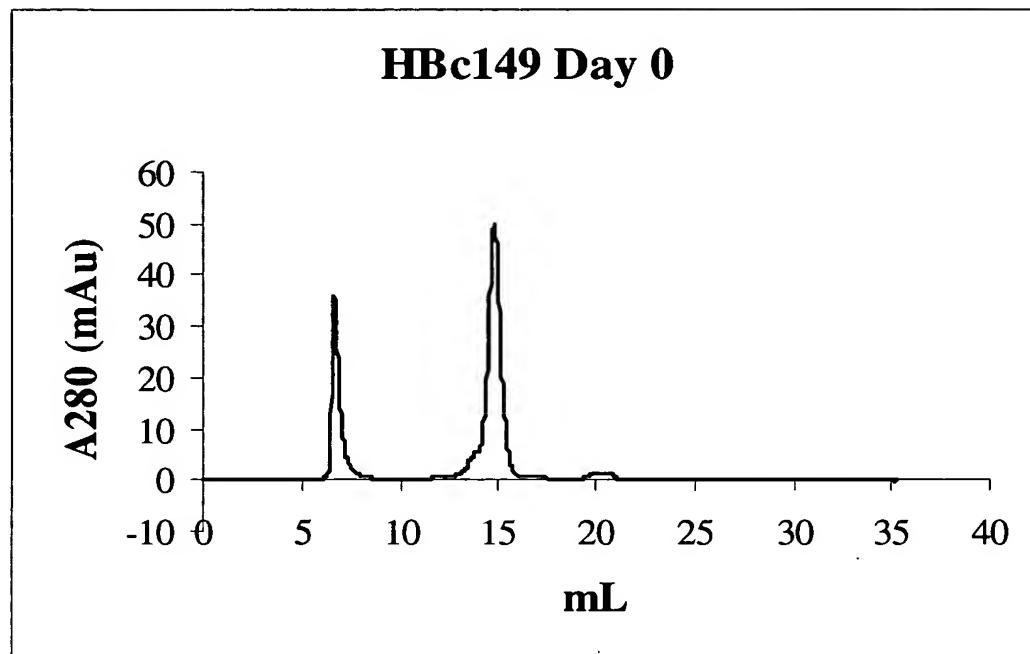


FIG. 4B

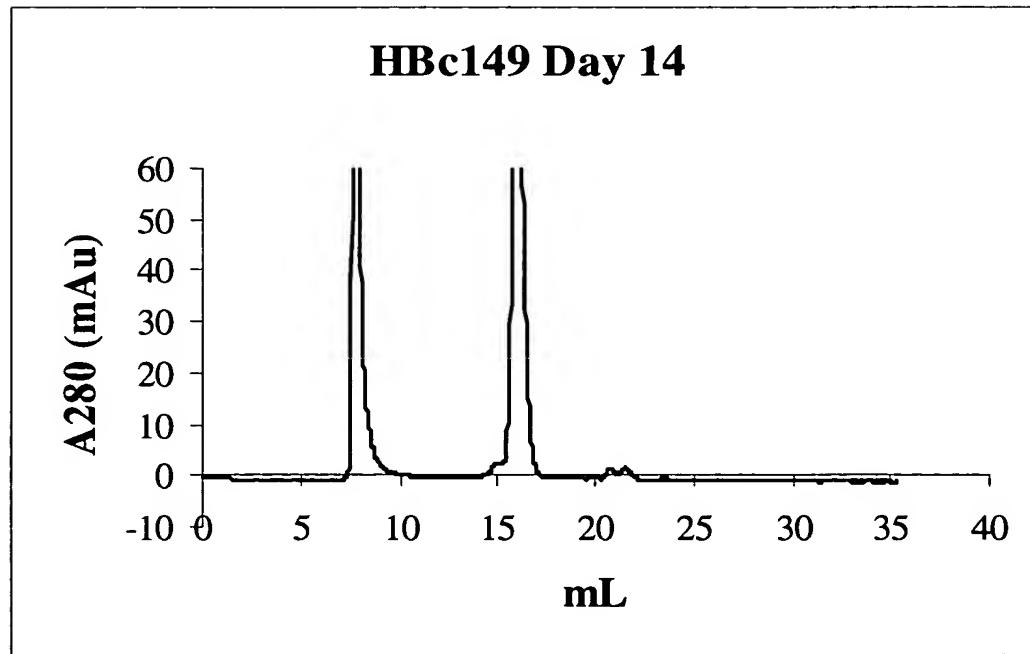


FIG. 4C

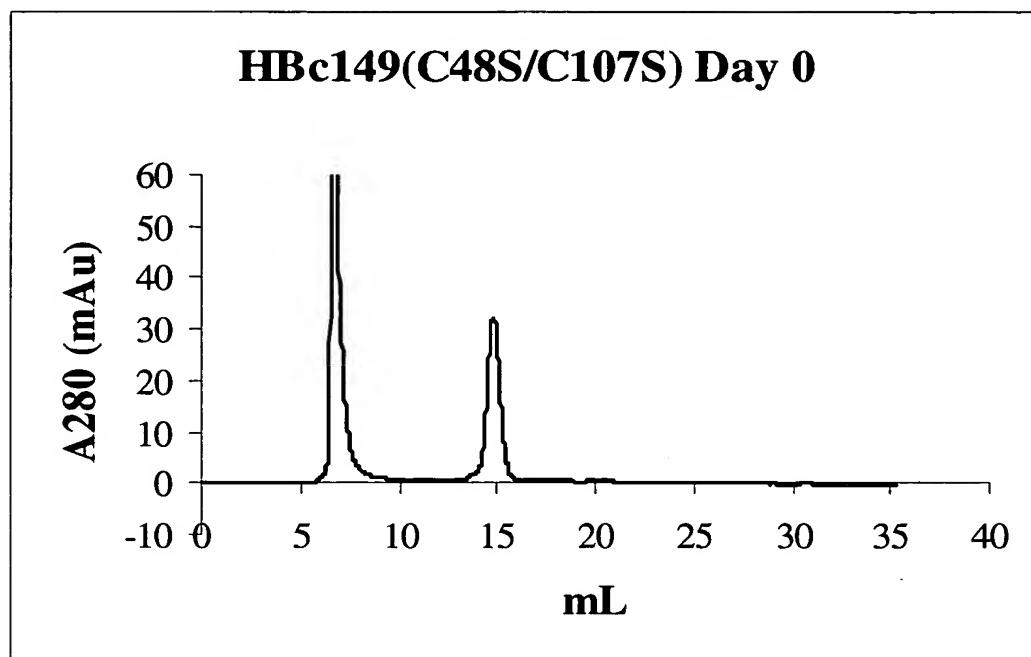


FIG. 4D

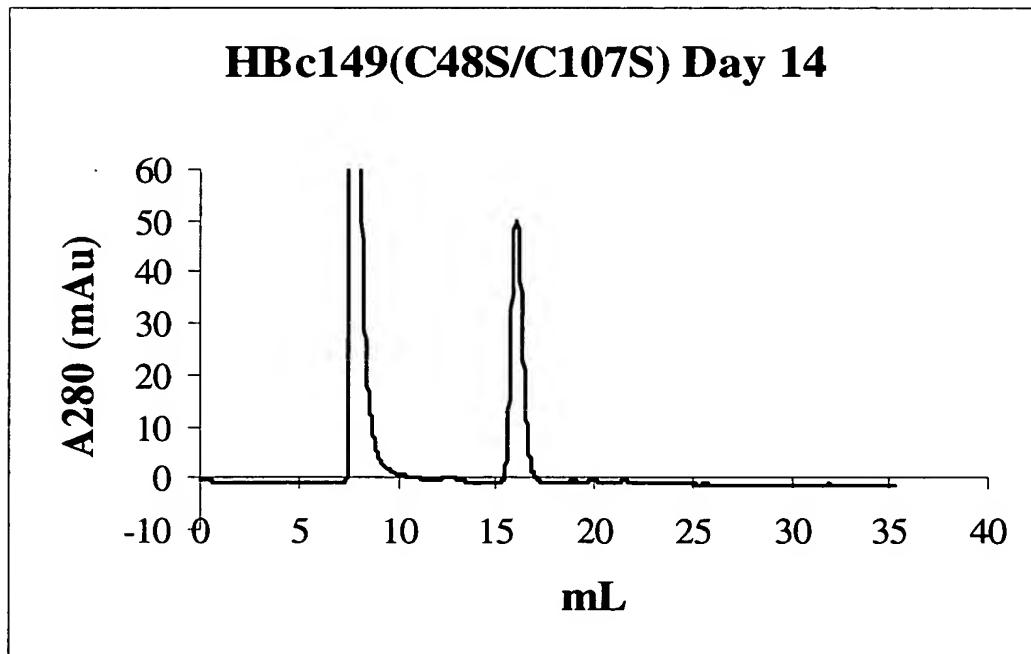


FIG. 4E

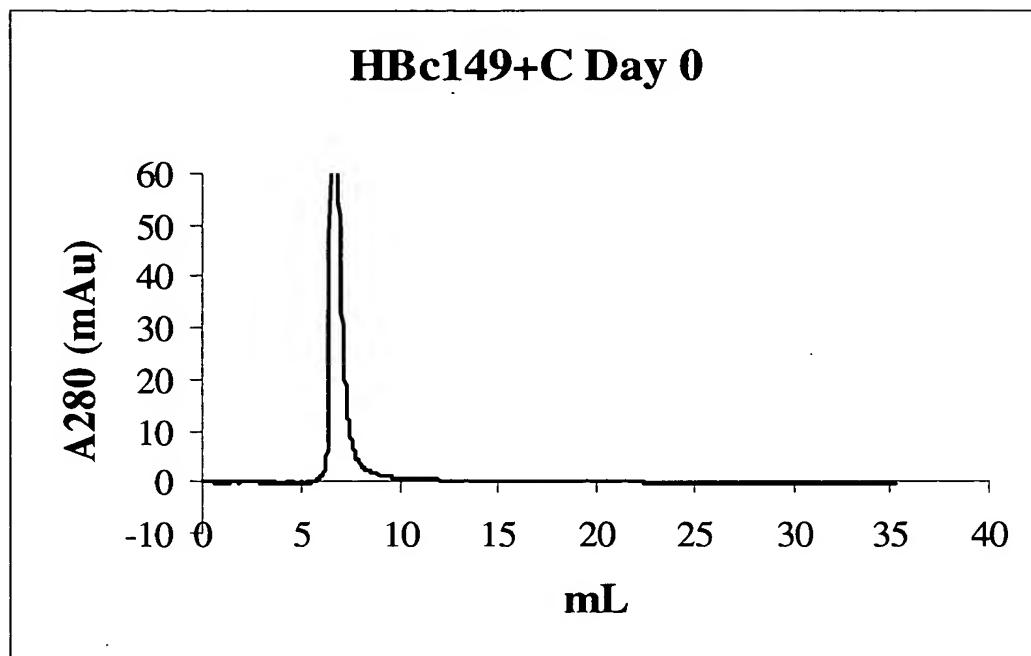


FIG. 4F

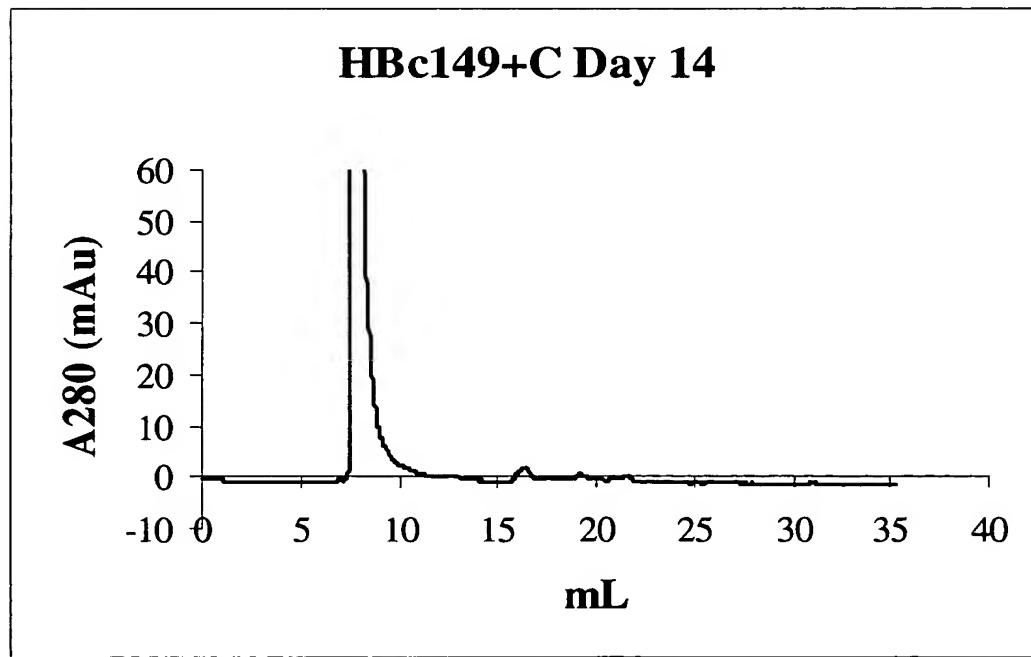


FIG. 4G

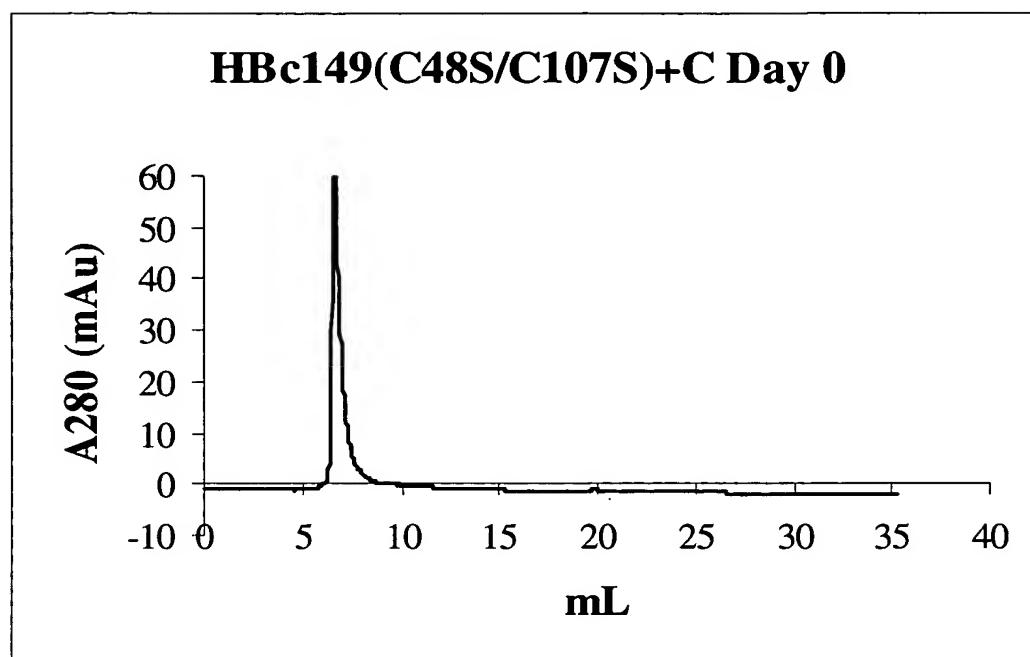


FIG. 4H

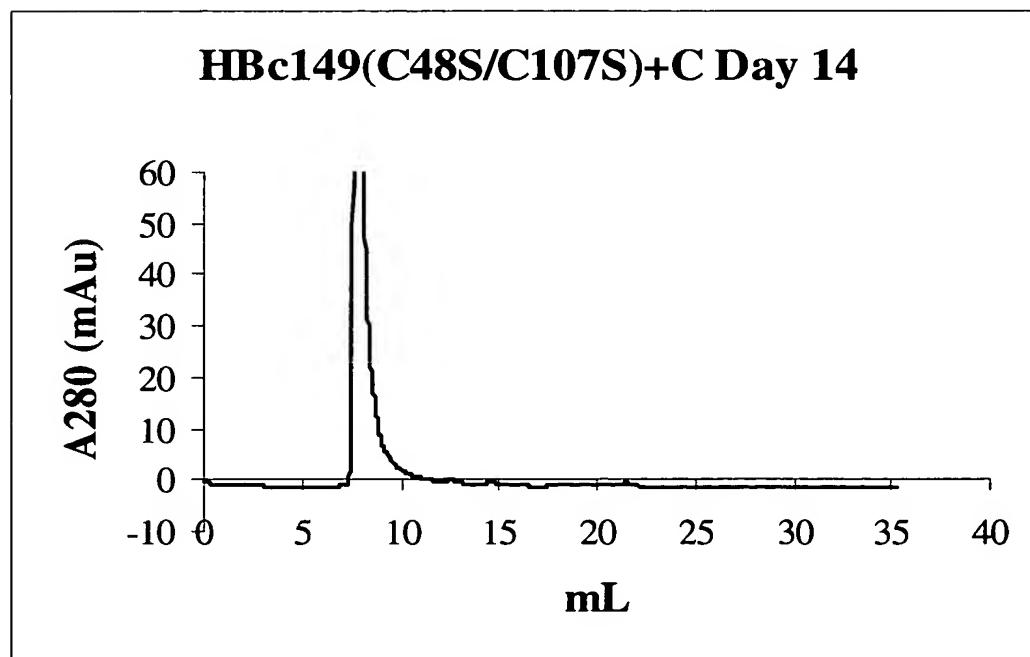
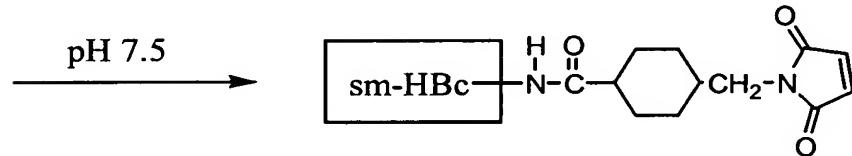
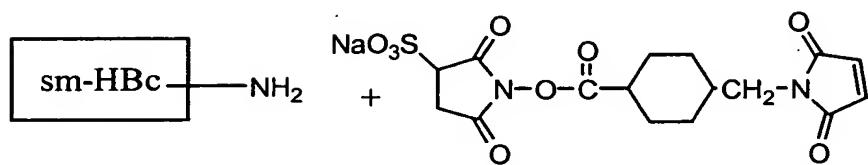


FIG. 5**Scheme 1****I****II**